Flight Safety Foundation IASS 2018 PROGRAM

Last updated November 11, 2018

Sunday, November 11

1400 – 1800  Registration and Information Desk Open
Ballroom C – D foyer
Pick up your registration materials here and get answers to all your questions

1700 – 1730  Speaker Meeting (Day 1)
Aspen

Monday, November 12

0730 – 1700  Registration and Information Desk Open
Ballroom Foyer
Pick up your registration materials here and get answers to all your questions

0730 – 0830  Breakfast with Exhibitors
Ballroom C – D
Sponsored by Aireon
Join us for breakfast and networking before the day begins

0830 – 0850  Welcoming Remarks
Ballroom A – B
Sponsored by Airbus
Where have we come from and where are we going in safety and technology, where the foundation is putting its energy and what the industry is using to advance its capability.

Speakers:
Mr. Mark Millam, Master of Ceremonies and Vice President, Technical, Flight Safety Foundation
Mr. Jon Beatty, President & CEO, Flight Safety Foundation
Mr. John Hamilton, VP Engineering, The Boeing Company, Chairman, Board of Governors, Flight Safety Foundation

0850 – 0930  Opening Keynote
Ballroom A – B
Sponsored by Airbus

Speaker:
Dr. Greg Hyslop, Chief Technology Officer, The Boeing Company

0930 – 1000  Session I – Safety Performance – State of the World
Ballroom A – B
Sponsored by Airbus
State of the World on Safety Performance and how we are keeping the safety performance hazard and risk information protected from being used in punitive manner.

Session Moderator: Capt. Bill Curtis – FSF International Advisory Committee Chair

0930 – 1000  Aviation Safety 2018 – Successes and Challenges
Speaker:
Mr. James Burin, Flight Safety Foundation Fellow

1000 – 1030  Morning Business Break
Ballroom C – D

Ballroom A – B
Sponsored by Airbus

1030 – 1100  Global Safety Report – International Air Transport Association (IATA)
Speaker:
Mr. Rudy Quevedo, Director of Safety, IATA

1100 – 1200  Information Protection – Litigation Perspective
Panel moderator:
Mr. Kenneth Quinn, Partner, Baker & McKenzie LLP
Panelists:
Dr. Jonathan Aleck, Executive Manager, Legal and Regulatory Affairs, CASA, Australia
Mr. Steven C. Marks, Partner, Podhurst Orseck P.A.
**Flight Safety Foundation IASS 2018 - Program**

1200 – 1210
**Ballroom A – B**
**FSF Board of Governors Recognition**
Sponsored by Airbus

1210 – 1230
**Ballroom C – D**
**Lunch**
Sponsored by Rolls Royce PLC

1330 – 1500
**Ballroom A – B**
**Session II – Achieving One Level of Safety**
Achieving One Level of Safety across the airspace and operations. Examining the challenges of similar performance between Cargo and Passenger Operations, integrating UAS within the airspace and achieving the performance levels for exceeding expectations.

**Session Moderator:** Mr. Mark Millam, Master of Ceremonies and Vice President, Technical, Flight Safety Foundation

1330 – 1400
**Passenger and Cargo Operations... What’s the Difference?**
**Speaker:**
Capt. Richard Hughey, Chair, President’s Committee for Cargo, ALPA

1400 – 1430
**Basic Aviation Risk Standard (BARS) Program**
**Speaker:**
Mr. David Anderson, Managing Director, BARS Program, Flight Safety Foundation

1430 – 1500
**Autonomous and Remotely Piloted Vehicles in our Airspace: IFR, VFR, or Something Else?**
**Speaker:**
Dr. Sheila Conway, Technical Fellow, The Boeing Company

1500 – 1510
**Ballroom A – B**
**FSF/Airbus Human Factors Award**

1510 – 1540
**Afternoon Business Break**

1540 – 1630
**Ballroom A – B**
**Session III – Safety as a Steady Investment**
Return on Safety Investments – We all must spend money wisely and get the best return on our investments in safety. Where do we turn to understand short term and long-term gains?

**Session Moderator:** Mr. Steve Doyle – The Presage Group

1540– 1630
**Safety Costs as an Investment**
**Panelists:**
Mr. John Brogan, President & CEO, USAIG
Mr. Tim Boland, Senior Vice President, Underwriting, Global Aerospace
Mr. Eduardo Dueri, Managing Director, JLT Aerospace, Latin America

1630 – 1640
**Ballroom A – B**
**Laura Tabor Barbour Award**

1640 – 1715
**Ballroom A – B**
**Speaker Meeting (Day 2)**

1715 – 1800
**Ballroom A – B**
**Welcome Reception bus loading**
Sponsored by The Boeing Company

1845 – 2230
Sponsored by The Boeing Company

**Welcome Reception at the Museum of Flight**
The Museum of Flight is the largest independent, non-profit air and space museum in the world! Join us as we dine with 175 aircraft and spacecraft, tens of thousands of artifacts, millions of rare photographs, dozens of exhibits and experiences and a world-class library. The Museum and its people bring mankind’s incredible history of flight to life.
### Tuesday, November 13

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| 0830–0900 | Day 2 Keynote                              | Ballroom A–B      | 0830–0900 Leverage Technology to Training Tomorrow’s Aviation Safety Professionals  
**Speaker:** Dr. Kenneth Witcher, Dean, College of Aeronautics, Embry-Riddle Aeronautical University |
| 0900–1000 | Session IV – Technology in Safety and Training | Ballroom A–B   | Technology in Safety and Training our Pilots for the best results in Operations, from eye tracking to EBT efforts  
**Session Moderator:** Mr. Sean Cassidy – FSF International Advisory Committee Member  
**Session 0900–0930:** Eyes are Never Quiet – Towards Eye Tracking as a Practical Training Tool  
**Speakers:**  
Capt. Mark Cameron, Pilot, Emirates Airlines  
Mr. Patrick Nolan, General Manager, Aviation, Seeing Machines  
**Session 0930–1000:** Evidence Based Training - EBT + ABLE = True Tailored Training  
**Speaker:** Capt. Andy Mitchell, CEO, Use Before Flight |
| 0830–1000 | Session IV – Maintenance and Engineering Breakout Track | Willow         | Integration of Human Factors into Maintenance Safety Management  
**Session Moderator:** Mr. Joe Barclay – FSF Maintenance Advisory Committee Member  
**Session 0830–1000:** Integration of Human Factors into Maintenance Safety Management  
**Speakers:**  
Dr. Bill Johnson, Chief Scientific and Technical Advisor, Human Factors in Aircraft Maintenance Systems, Federal Aviation Administration  
Mr. D. Smith, Aviation Safety Division Manager, U.S. Department of Transportation, Transportation Safety Institute  
Mr. Douglas Neufeldt, Manager, SMS and Regulatory Programs, United Airlines |
| 1000–1030 | Morning Business Break                     | Ballroom C–D      |                                                                           |
| 1030–1200 | Session V – Operational Risks and Hazards | Ballroom A–B      | Operational Risks and Hazards we can face or we all must handle day in and out.  
**Session Moderator:** Capt. Steve Jangelis – ALPA International Air Safety Organization  
**Session 1030–1100:** Little Error, Big Risk: SFO Risk of Runway Overrun on Takeoff  
**Speaker:** Capt. Neil Raaz, Sr. Manager Flight Safety Assurance and Compliance, FOQA Program Manager, American Airlines  
**Session 1100–1130:** Non-Precision Approach Challenges (The JFK Canarsie)  
**Speaker:** Capt. Joe DeVito, Technical Pilot, Special Projects, JetBlue  
**Session 1130–1200:** Strategic Investments in Fatigue Management  
**Speakers:**  
Mr. Matt Humlie, Manager, Flight Operations Quality Management (retired), Alaska Airlines  
Capt. Matthew Kalouner, Human Factors Working Group, Alaska Airlines  
Dr. Daniel Mollicone, CEO, Pulsar Informatics |
1030 – 1200
Willow
Sponsored by Embraer
Maintenance and Engineering Breakout Track

**Session V – Maintenance and Engineering Breakout Track**

**Session Moderator:** Mr. Joe Barclay – FSF Maintenance Advisory Committee Member

1030 – 1100 Continued Operational Safety

**Speaker:**
Mr. Gregory Borsari, Aviation Accident Investigator, Maintenance, National Transportation Safety Board

1100 – 1200 Maintenance Line Operations Safety Assessment (M-LOSA) Program

**Panelists:**
Dr. Maggie Ma, Associate Technical Fellow, The Boeing Company
Ms. Christine Zylawski, FRAes, Head of Regulatory Compliance, MLOSA Expert, Air France
Mr. Li Chen, Safety and Quality Department, China Eastern Airlines
Ms. Lisa Crocket, Sr. Manager, Ground Safety Data & LOSA, United Airlines

1200 – 1330
Ballroom C – D

Lunch

1330 – 1500
Ballroom A – B
Sponsored by Embraer

**Session VI – Continuing Investigation Role**

The accident investigation results still contribute to safety despite the industry’s excellent performance. Ideas about continued operational safety, 20 years after Swiss air accident and its impact on today’s safety, technology in aviation accidents – friend or foe?

**Session Moderator:** Mr. Frank Hildrup – FSF International Advisory Committee Member

1330 – 1410 Twenty Years After Swissair: One Accident’s Impact on Aviation

**Speaker:**
Ms. Kathy Fox, Chair, Transportation Safety Board of Canada

1410 – 1430 Air Safety Investigations

**Speaker:**
Mr. Jon Wandless, Director of Airworthiness and Quality, Civil Aerospace, Rolls-Royce

1430 – 1500 Technology in Aviation Accidents – Friend and Foe

**Speaker:**
Dr. Katherine A. Wilson, Senior Human Performance Investigator, National Transportation Safety Board

1500 – 1330
Ballroom C – D

Afternoon Business Break

1530 – 1700
Ballroom A – B
Sponsored by Embraer

**Session VII – Airport Surface Issues**

Runway safety includes both lining up and using the correct surfaces at the right time & the successful landings and takeoff operations. While it doesn’t happen often we need to safeguard against the landing or taking off in the wrong place OR not stopping when and where we need to. The incidents that have almost created an accident are as important to learn from as the accidents.

**Session Moderator:** Mr. Ratan Khatwa – FSF International Advisory Committee Member

1530 – 1700 Wrong Surface Landings in Aviation

**Panelists:**
Mr. James Fee, Manager, Runway Safety Group, Federal Aviation Administration
Capt. Steve Jangelis, Aviation Safety Chairman, ALPA International Air Safety Organization
Mr. Khalil Elia Kodsi, P.E., Manager, Airport Engineering Division, Federal Aviation Administration
Dr. Sathya Silva, Human Performance Investigator, National Transportation Safety Board
Capt. Patrick Kalist, Director of Flight Safety, Air Canada

1700 – 1730
Ballroom A – B

Speaker Meeting (Day 3)

1700 – 1800
Ballroom C – D
Sponsored by Rolls Royce PLC

Networking Reception in the Exhibit Hall
Wednesday, November 14

0730 – 1700

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**Breakfast with Exhibitors**
Join us for breakfast and networking before the day begins.

**Session VIII – Studies in Safety: From Error to the Future**
Taking a closer look behind the scenes on operations. Little Error, Big Risk: SFO Risk of Runway Overrun on Takeoff from Airport runway analysis and FOQA experiences, Advancing and Assessing Pilot Competencies with Mid-Fidelity Simulation, How will Pilots and Future Systems interact?

**Session Moderator:** Mr. Harry Nelson – FSF International Advisory Committee Vice Chair

0830 – 0900 **Introduction to Ice Crystal Icing**
*Speaker:* Ms. Melissa Bravin, Propulsion Operability Engineer, AR, Boeing Commercial Airplanes, The Boeing Company

0900 – 0930 **Mid Fidelity Simulation - Expanding Experience into Expertise**
*Speaker:* Capt. Mark Cameron, Pilot, Emirates Airlines

0930 – 1000 **How will Pilots and Future Systems Interact? – Automation, Autonomy, and Artificial Intelligence: Lessons Learned and Considerations for Future Aviation Systems**
*Speaker:* Dr. Kathy Abbott, Chief Scientific and Technical Advisor, Flight Deck Human Factors, Federal Aviation Administration, Dr. Sylvain Hourlier, MD MSc, Human Factors Senior Expert, Thales Avionics

1000 – 1030

**Morning Business Break**

1030 – 1200

**Session IX – Knowledge Building and Retention**
Industry Knowledge Building between stakeholders – Common Aviation Risk Models – An International Collaboration to Share Risk Knowledge, FSF safety knowledge management activities, FSF Global Safety Information Project/Program

**Session Moderator:** Capt. Mark Burtonwood – FSF International Advisory Committee Member

1030 – 1100 **Common Aviation Risk Models – An International Collaboration to Share Risk Knowledge**
*Speaker:* Mr. Bob Dodd, Senior Director, Risk Management, The Aloft Group

1100 – 1130 **Flight Safety Foundation Safety Knowledge Management Activities**
*Speakers:* Mr. Tzvetomir Blajev, Operational Safety Coordinator, Eurocontrol, Moderator, FSF European Advisory Committee, Capt. Ed Pooley, Principal Consultant, The Air Safety Consultancy

1130 – 1200 **Global Safety Information Project (GSIP)**
*Speaker:* Mr. Mark Millam, Vice President, Technical, Flight Safety Foundation

1200 – 1210

**IASS 2019 Host Sponsor Announcement**

1210 – 1330

**Lunch**

Sponsored by China Aviation Development Foundation
Session X – Data Analytics and Sharing
Data Analytics and Sharing; Harnessing data analytics to discover risks threatening future operations and design mitigation plans, Data Sharing: Beyond ASAP and FOQA, Safety Performance and Analytics

**Session Moderator:** Mr. David Mawdsley – FSF International Advisory Committee Member

- **1330 – 1400** Harnessing Data Analytics to Discover Risks Threatening Future Operations and Design Mitigation Plans
  **Speaker:** Mr. Panayiotis (Panos) Nicolaou, Product Manager, Safety Analytics, R² Data Labs

- **1400 – 1430** Data Sharing: Beyond ASAP and FOQA
  **Speaker:** Capt. Steve Jangelis, Aviation Safety Chairman, ALPA International Air Safety Organization

- **1430 – 1500** Safety Performance and Analytics
  **Speaker:** Mr. Wallace Feerrar, Program Manager, Center for Advanced Aviation System Development, MITRE Corporation

**Afternoon Business Break**

Session XI – Fatigue Issues, Human Factors, and Safety Culture
Fatigue, Human Factors, and Managing Safety Culture – knowing how normal behaviors can be predictable across the population of pilots and other staff. Programs that respect the individual's integrity and capability will help to bring out the best performance

**Session Moderator:** Mr. George Hodgson – FSF International Advisory Committee Member

- **1530 – 1600** Collaboration
  **Speaker:** Mr. Dai Whittingham, Chief Executive, UK Flight Safety Committee

- **1600 – 1630** Just Culture for a Positive Safety Culture. Can a Toolkit Approach Really Work?
  **Speaker:** Mr. Ross Priday, Business Development Manager, Baines Simmons

- **1630 – 1645** Controlled Rest – Fatigue Countermeasures Group Report
  **Speaker:** Mr. Brad Favors, Manager, Fatigue and Human Performance, Southwest Airlines

**Closing Remarks**